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09/892,966	06/27/2001	Susann M. Keohane	AUS920010364US1	3817

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EXAMINER

PESIN, BORIS M

ART UNIT PAPER NUMBER

2174

DATE MAILED: 09/28/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/892,966

Applicant(s)

KEOHANE ET AL.

Examiner

Boris Pesin

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM  
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 27 May 2004.  
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-33 and 36-45 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☒ Claim(s) 43, 44, 45 is/are allowed.  
6) ☒ Claim(s) 1-33 and 36-42 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.  
10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.  
5) ☐ Notice of Informal Patent Application (PTO-152)  
6) ☐ Other: \_\_\_\_\_.

## **DETAILED ACTION**

### ***Response to Amendment***

This communication is responsive to Amendment A, filed 2/2/2004.

Claims 1-33, and 36-45 are pending in this application. Claims 1, 15, 16, 18, 23, 24, 26, 31, 32, 36, 40, 41, 42, 43, 44, and 45 are independent claims. In the Amendment A, Claim 36 was amended, claims 34-35 were canceled, and claims 40-45 were added. This action is made Final.

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-33, and 36-42 are rejected under 35 U.S.C. 102(b) as being anticipated by "Using Microsoft Word 97" (Camarda).

In regards to claim 1, Camarda teaches a method for viewing changes to a shared document in one object comprising the steps of: opening said shared document by a first particular user (i.e. "retrieve and open any saved document", Page 39); viewing an original version of said shared document with one or more onscreen symbols indicating one or more users who have saved changes to said original version of said shared document (i.e. Figure 23.12 Page 657, the user then can turn on and off

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the changes made by others); selecting a particular on-screen symbol associated with one of said first and second particular user (i.e. "specify the color [symbol] a reviewer will always use", Page 658); and viewing at least a section of said original version of said shared document with highlighted changes in one object (i.e. Figure 23.12 Page 657), wherein said highlighted changes indicate changes made by one of said first and said second particular user with respect to said original version of said shared document (i.e. Figure 23.12 Page 657).

In regards to claim 2, Camarda teaches a method further comprising the steps of entering a user identification associated with said first particular user; and determining whether said first particular user has permission to open said shared document based on said user identification associated with said first particular user (i.e. "Protecting a Document for Tracked Changes" Page 660).

In regards to claim 3, Camarda teaches a method wherein upon selecting said particular onscreen symbol associated with one of said first and said second particular user a menu is displayed with a list of one or more versions of said shared document authored by said first or said second particular user (i.e. Figure 23.21 Page 666).

In regards to claim 4, Camarda teaches a method further comprising the step of selecting one of said one or more versions of said shared document (i.e. "To open any version, select it and click Open", Page 666).

In regards to claim 5, Camarda teaches a method further comprising the step of: editing said original version of said shared document (i.e. "edit a document normally", Page 656).

In regards to claim 6, Camarda teaches a method further comprising the step of: determining whether said first particular user has an on-screen symbol associated with said first particular user indicating that said first particular user has edited said shared document (i.e. Figure 23.17 "If you hover your mouse pointer above a tracked change, Word displays a ScreenTip containing the reviewer's name and whether the change consists of an insertion or a deletion" Page 663).

In regards to claim 7, Camarda teaches a method wherein if there is no on-screen symbol associated with said first particular user then the method further comprises the step of: creating an on-screen symbol associated with said first particular user (i.e. "permanently assign colors to individual members of your team", Page 659).

In regards to claim 8, Camarda teaches a method further comprising the step of: saving changes made to said original version of said shared document in a particular file associated with said first particular user. (i.e. Figure 23.19 and 23.20 Page 665).

In regards to claim 9, Camarda teaches a method further comprising the step of: saving changes made to said original version of said shared document in a particular file associated with said first particular user. (i.e. Figure 23.19 and 23.20 Page 665).

In regards to claim 10, Camarda teaches a method further comprising the step of: editing said selected version of said shared document (i.e. "When you open an older version of a file, Word displays the document in a separate editing window" Page 666).

In regards to claim 11, Camarda teaches a method further comprising the step of: determining whether said first particular user has an on-screen symbol associated with said first particular user indicating that said first particular user has edited said

shared document. (i.e. Figure 23.17 "If you hover your mouse pointer above a tracked change, Word displays a ScreenTip containing the reviewer's name and whether the change consists of an insertion or a deletion" Page 663).

In regards to claim 12, Camarda teaches a method wherein if there is no on-screen symbol associated with said first particular user then the method further comprises the step of: creating an on-screen symbol association with said first particular user. (i.e. "permanently assign colors to individual members of your team", Page 659).

In regards to claim 13, Camarda teaches a method further comprising the step of: saving changes made to said original version of said shared document based on changes made to said selected version in a particular file associated with said first particular user. (i.e. Figure 23.19 and 23.20 Page 665)

In regards to claim 14, Camarda teaches a method further comprising the step of: saving changes made to said original version of said shared document based on changes made to said selected version in a particular file associated with said first particular user. (i.e. Figure 23.19 and 23.20 Page 665)

In regards to claim 15, Camarda teaches a method for viewing changes to a shared document in one object comprising the steps of opening said shared document by a first particular user (i.e. "retrieve and open any saved document", Page 39); viewing an original version of said shared document with one or more onscreen symbols indicating one or more users who have saved changes to said original version of said shared document (i.e. Figure 23.12 Page 657, the user then can turn on and off the changes made by others); selecting a particular on-screen symbol associated with

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one of said first and a second particular user (i.e. "specify the color [i.e. symbol] a reviewer will always use", Page 658), wherein upon selecting said particular on-screen symbol associated with one of said first and said second particular user a menu appears with a list of one or more versions of said shared document authored by said first or said second particular user (i.e. Figure 23.21 Page 666); selecting one of said one or more versions of said shared document (i.e. "To open any version, select it and click Open", Page 666); and viewing at least a section of said original version of said shared document with a corresponding section of said selected version in one object, wherein said original version of said shared document comprises highlighted changes, wherein said highlighted changes indicate changes made by one of said first and said second particular user with respect to said original version of said shared document in said selected version of said shared document (i.e. Figure 23.12 Page 657).

In regards to claim 16, Camarda teaches a method for viewing changes to a shared document in one object comprising the steps of: opening said shared document by a first particular user (i.e. "retrieve and open any saved document", Page 39); viewing an original version of said shared document with one or more onscreen symbols indicating one or more users who have saved changes to said original version of said shared document (i.e. Figure 23.12 Page 657, the user then can turn on and off the changes made by others); selecting a particular on-screen symbol associated with one of said first and a second particular user (i.e. "specify the color [i.e. symbol] a reviewer will always use", Page 658), wherein upon selecting said particular on-screen symbol associated with one of said first and said second particular user a menu

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appears with a list of one or more versions of said shared document authored by said first or said second particular user (i.e. Figure 23.21 Page 666); selecting one of said one or more versions of said shared document (i.e. "To open any version, select it and click Open", Page 666); and viewing at least a section of said original version of said shared document with highlighted words in said original version indicating words that were changed in said original version of said shared document in one object (i.e. Figure 23.12 Page 657).

In regards to claim 17, Camarda teaches a method further comprising the step of: selecting said highlighted words to view changes made to said highlighted words in said selected version of said shared document (i.e. Figure 23.17, Page 663).

Claim 18 is in the same context as claim 1; therefore it is rejected under similar rationale.

Claim 19 is in the same context as claim 3; therefore it is rejected under similar rationale.

Claim 20 is in the same context as claim 4; therefore it is rejected under similar rationale.

Claim 21 is in the same context as claim 5; therefore it is rejected under similar rationale.

Claim 22 is in the same context as claim 9; therefore it is rejected under similar rationale.

Claim 23 is in the same context as claim 15; therefore it is rejected under similar rationale.

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Claim 24 is in the same context as claim 16; therefore it is rejected under similar rationale.

Claim 25 is in the same context as claim 17; therefore it is rejected under similar rationale.

Claim 26 is in the same context as claim 1 except that it includes a processor, memory and a bus. Since those hardware pieces are inherent in modern computer systems, claim 26 is rejected under the same rationale as claim 1.

Claim 27 is in the same context as claim 3; therefore it is rejected under similar rationale.

Claim 28 is in the same context as claim 4; therefore it is rejected under similar rationale.

Claim 29 is in the same context as claim 5; therefore it is rejected under similar rationale.

Claim 30 is in the same context as claim 9; therefore it is rejected under similar rationale.

Claim 31 is in the same context as claim 15 except that it includes a processor, memory and a bus. Since those hardware pieces are inherent in modern computer systems, claim 31 is rejected under the same rationale as claim 15.

Claim 32 is in the same context as claim 16 except that it includes a processor, memory and a bus. Since those hardware pieces are inherent in modern computer systems, claim 31 is rejected under the same rationale as claim 16.

Claim 33 is in the same context as claim 17; therefore it is rejected under similar rationale.

In regards to claim 36, Camarda teaches a method for displaying a document, wherein said document being accessed and changed by a plurality of users, said method comprising the steps of: assigning an indicator to a particular user of said plurality of users when said particular user made changes to said document (p659, "Specifying how word assigns colors to reviewers"); displaying said document with said indicator (p663, 23.17); associating changes made by said particular user with said indicator (p663, 23.17); further comprising the step of: selecting said indicator associated with said particular user, wherein upon selecting said indicator a menu is displayed with a list of one or more versions of said document authored by said particular user (i.e. Figure 23.17 Page 663, when the user hovers over the changed text, a tool tip [or menu] comes up with when those changes were saved [or version].)

In regards to claim 37, Camarda teaches a method further comprising the step of selecting one of said one or more versions of said document authored by said particular user. (i.e. "To open any version, select it and click Open", Page 666).

In regards to claim 38, Camarda teaches a method further comprising the step of viewing at least a section of an original version of said document with a corresponding section of said selected version of said document in one object, wherein said original version of said document comprises highlighted changes, wherein said highlighted changes indicate changes made by said particular user with respect to said original

version of said document in said selected version of said document. (i.e. Figure 23.12 Page 657).

In regards to claim 39, Camarda teaches a method further comprising the step of viewing at least a section of an original version of said document with highlighted changes in one object, wherein said highlighted changes indicate changes made by said particular user with respect to said original version of said document in said selected version of said document. (i.e. Figure 23.12 Page 657).

In regards to claim 40, Camarda teaches a method for viewing changes to an application in a single object comprising the steps of: opening said applications by a first user, wherein said application is shared by multiple users simultaneously (i.e. "retrieve and open any saved document", Page 39, Camarda does not specifically teach that the application is shared by multiple users simultaneously; however this is inherent in the invention because for several users to make changes to the file at the same time, the file has to be shared simultaneously); viewing an original version of said application with one or more on-screen symbols indicating one or more users who have saved changes to said original version of said application (i.e. Figure 23.12 Page 657, the user then can turn on and off the changes made by others), selecting an on-screen symbol associated with one of said first and a second user (i.e. "specify the color [symbol] a reviewer will always use", Page 658); and viewing at least a section of said original version of said application with highlighted changes in said single object (i.e. Figure 23.12 Page 657), wherein said highlighted changes indicate changes made by one of said first and said

second user associated with said selected on-screen symbol with respect to said original version of said application (i.e. Figure 23.12 Page 657).

Claim 41 is in the same context as claim 40; therefore it is rejected under similar rationale.

Claim 42 is in the same context as claim 40; therefore it is rejected under similar rationale.

### ***Allowable Subject Matter***

Claims 43, 44, and 45 are allowed.

The following is a statement of reasons for the indication of allowable subject matter: Prior art does not teach selecting a separate on-screen icon associated with a each particular different user in order to show, by way of highlighting, the changes made in a shared document by that particular user.

### ***Response to Arguments***

Applicant's arguments filed 5/27/2001 have been fully considered but they are not persuasive.

The Applicant argues:

- a. The document viewed by the viewer in Camarda is not an original version of the document.
- b. Camarda does not disclose "wherein upon selecting said particular on-screen symbol associated with one of said first and said second particular user a menu

appears with a list of one or more versions of said shared document authored by said first or said second particular user.”

c. Camarda does not disclose “viewing at least a section of said original version of said shared document with a corresponding section of said selected version in one object, wherein said original version of said shared document comprises highlighted changes, wherein said highlighted changes indicate changes made by one of said first and second particular user with respect to said original version of said shared document in said selected version of said shared document.”

d. Camarda does not disclose “selecting said indicator associated with said particular user, wherein upon selecting said indicator a menu is displayed with a list of one or more versions of said documents authored by said particular user.”

e. Camarda does not disclose, “opening said application by a first user, wherein said application is shared by multiple users simultaneously.”

f. Camarda does not disclose “entering a user identification associated with said first particular user; and determining whether said first particular user has permission to open said shared document based on said user identification associated with said first particular user.”

g. Camarda does not disclose “determining whether said first particular user has an on-screen symbol associated with said first particular user indicating that said first particular user has edited said shared document”.

h. Camarda does not teach “creating an on-screen symbol associated with said first particular user”.

i. Camarda does not teach “wherein if there is no on-screen symbol associated with said first particular user then the method further comprises the step of: creating an on-screen symbol associated with said first particular user.”

In regards to argument (a), the Examiner disagrees with the applicant that the document viewed by the viewer in Camarda is not an original version of the document. In Camarda, all of the original text that was present in the “original version” of the document is still present in the “edited document”. Though<sup>KK</sup> some of the text may be crossed out and other text may be added, these edits are clearly visible (through the use of underlining and strike-through) and unambiguous. Therefore since all the original text is still present and legible, it is still considered an original version of the document, even though there may have been some edits.

In regards to argument (b), since each Word program is associated with each particular different user, selecting “file” then “versions” does in fact show you<sup>o</sup> <sup>KK</sup> menu with a list of one or more versions of said shared document. The on screen symbol is “file” and “version”. It is inherent in Word that “file” and “versions” are each associated with a particular user.

In regards to claim (c), the Examiner disagrees with the applicant's argument that Figure 23.12 does not disclose viewing at least a section of an original version with a corresponding section of a selected version on one object. In Camarda, the user is able to see the original document and the edited version at the same time on the screen. These are not separate documents, but are incorporated in each other.

In regards to claim (d), the Examiner disagrees with the applicant's argument that Camarda does not teach selecting said indicator associated with said particular user, wherein upon selecting said indicator a menu is displayed with a list of one or more versions of said documents authored by said particular user. The Examiner disagrees with the applicant that a menu is not being displayed upon selecting a color. The Examiner agrees with the applicant that Microsoft Word displays a screen tip containing the reviewer's name and whether the change consists of an insertion or a deletion. However the applicant forgets to mention that the screen tip further shows, when the change was made, or when that version of the change was saved. Further the applicant argues that no selection is being made, that the mouse pointer is hovering above a track change. The applicant is correct in that the mouse hovers over a track change; however a selection is being made because the user has to hover over a desired track change for a span of several seconds, by doing so he is selecting the track change. The Examiner would like to point out that a selection does not necessarily have to include a clicking of the mouse.

In regards to argument (e), the Examiner disagrees with the applicant that Camarda does not teach opening said application by a first user, wherein said application is shared by multiple users simultaneously. Since Camarda is using a Word document, the document can be opened by anyone and edited; therefore multiple users share the application simultaneously.

In regards to argument (f), the Examiner disagrees with the applicant that Camarda does not teach entering a user identification associated with said first

particular user; and determining whether said first particular user has permission to open said shared document based on said user identification associated with said first particular user. In Camarda the user has to enter a password (Page 660 Step 3), and then confirm the password (Page 661, Step 5) in order to protect the document. Without this login and password, the user is not able to turn off the track changes and open the "original" document without the extraneous comments.

In regards to argument (g), the Examiner disagrees with the applicant that Camarda does not teach determining whether said first particular user has an on-screen symbol associated with said first particular user indicating that said first particular user has edited said shared document. The applicant states that there is no determination step disclosed. However, when the user hovers over the track change, the screen tip is displayed, and the user is able to determine whether or not there is an on-screen symbol associated with a particular user. In addition the user is able to look at the colors on the screen and determine the same thing.

In regards to argument (h), the Examiner disagrees with the applicant that Camarda does not teach creating an on-screen symbol associated with said first particular user. The applicant states that assigning colors is not the same as an on-screen symbol. The Examiner believes that since the color represents the particular user, it is in fact a symbol for that particular user. The Examiner suggests changing the wording of the claim, from symbol to icon, for better clarification of the claim.

In regards to argument (i), the Examiner disagrees with the applicant that Camarda does not teach wherein if there is no on-screen symbol associated with said

first particular user then the method further comprises the step of: creating an on-screen symbol associated with said first particular user. The Examiner points out that the user is able to make a determination of whether or not a user has an on-screen symbol associated with the said user by going to tool, options, and track changes.

### ***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

### ***Inquiry***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Boris Pesin whose telephone number is (703) 305-8774. The examiner can normally be reached on Monday-Friday except every other Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid can be reached on (703) 308-0640. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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